

Danielle H. Melton, M.D.
Curriculum Vitae
January, 2011

EDUCATION

Baylor College of Medicine/University of Texas Alliance Houston, Texas
Department of Physical Medicine and Rehabilitation, Resident Physician
June 2003 – September 2006

Baylor College of Medicine Houston, Texas
Transitional Intern Physician
June 2002 – June 2003

Baylor College of Medicine Houston, Texas
Doctor of Medicine, Graduated May 2002
July 2000 – May 2002

Louisiana State University Medical Center Shreveport, Louisiana
Completed two years of medical school prior to transferring to BCM
August 1998 – June 2000

Louisiana State University Baton Rouge, Louisiana
Bachelor of Science, College of Mechanical Engineering
August 1988 – May 1993

MEDICAL LICENSURE AND EXAMINATIONS

Board Certification ABPM&R 2009

Texas Board of Medical Examiners, License M2400

Texas Medical Jurisprudence Examination

Certified Engineer-in-Training

WORK EXPERIENCE

1/2011-present **Medical Life Care Planning, L.L.C.**
Consultant as a Life Care Planning Physician

- 9/2006-present **University of Texas Health Science Center**
Director of the Amputee Program at TIRR MH Hospital
Clinical Assistant Professor, Attending Physician
Organization of Resident Outpatient Clinics
Chairman of Continuing Medical Committee for UT and department
Consult physician at Memorial Hermann Hospital
- 1/1994-1/1997 **Applied Materials, Inc.**
Project Manager, Mechanical Engineer
Manufacturing Conference Essay Award
Highest rating (top 1%) for annual performance evaluation
Heart of Texas Service Award for motivation and commitment
- 8/1993-11/1993 **Powers Engineering, Inc.**
Mechanical Design Engineer, Manager of AutoCAD system
- 8/1991-5/1993 **Center for Advanced Microstructures & Devices**
Manager of AutoCAD system, Design Engineer
- 1/1991-5/1991 **International Business Machines (IBM)**
Mechanical Design Engineer Intern
Collegiate Representative for Market Driven Quality
- 1/1990-1/1991 **International Business Machines (IBM)**
Collegiate Marketing Representative
Chairperson of Computer Quest national competition (2nd place)

HONORS AND AWARDS

Nominated "Physician of the Year" for TIRR Memorial Hermann

America's Top Physicians 2010

Selected by Consumers' Research Council of America

Best Doctors in America for 2009-2010

Selected by consensus of peers in nation-wide survey (Top 5% in Specialty)

Who's Who Among Executives and Professionals 2010

Girls Inc. Strong, Smart and Bold Certificate of Recognition 2007

Applied Materials, Inc. Austin, Texas 1994-1997

Manufacturing Conference Essay Award

Highest rating (top 1%) for annual performance evaluation

Heart of Texas Service Award for motivation and commitment

Pi Tau Sigma Engineering Honor Society

LECTURE EXPERIENCE

University of Texas, Houston UT Health

Cardiovascular Surgery Grand Rounds
Peri-operative Amputation Management

Orthotics and Prosthetics didactic series at Dynamic O&P

Lecture series for prosthetists and orthotists
Rehabilitation needs for Amputees after the Haiti earthquake

Rehabilitation Solutions 2010

Case Management Annual Regional Conference
Life after Amputation: What can we learn from the Military?

University of Texas, Houston Health Science Center

PM&R resident lectures and case series
Amputation management

University of Texas, Houston Health Science Center

Grand Rounds for Orthopedic Department
Lower Extremity Amputations "A Step Ahead"

University of Texas, Houston Health Science Center

Resident and Fellow lecture series for Rheumatology Department
Lower Extremity Bracing and Orthotics

Case Management Southwest Association

Southwest Regional Conference lecture
Lower Extremity Amputations and Prosthesis

Memorial Hermann Hospital

Department of Physical Medicine and Rehabilitation
Acute Management of Lower Extremity Amputations lecture

AAPM&R Annual Academy Meeting in Honolulu, Hawaii

Moderator of "Post Polio Syndrome" lecture and panel

Baylor College of Medicine/University of Texas at Houston (BCM/UTH) Alliance

Resident Didactic Lecture Series
Documentation, Coding and Billing presentation

Board Review Course for BCM/UTH Alliance

Moderator for Orthotics and Prosthetics for Heiki Uustal, MD
Mock Oral Exam facilitator

RESEARCH EXPERIENCE

University of Texas Houston, TIRR Memorial Hermann

Radiofrequency Ablation for the Treatment of Amputation Neuromas Case Series
Principle Investigator

University of Texas Houston Health Science Center

Radiofrequency Ablation for Amputation Neuromas, AAP poster presentation
First Author, Ahmed Khalifa, MD, Amanda Steen, MD

UT Houston/Baylor College of Medicine

Writing for Research Course

Michael E. DeBakey Veterans Administration Hospital

Dual Channel Radial Motor Nerve Conduction Study for Standard Lab Values
Mentor: Kuno P. Zimmerman, D.O., PhD.

Baylor College of Medicine, Department of Physical Medicine and Rehabilitation

Critical Review of the Literature: Neuropathy after Total Hip Replacement
Mentor: George C. Kevorkian, M.D.

Baylor College of Medicine, Department of Physical Medicine and Rehabilitation

Study to Assess Spasticity Management Costs Comparing Botox, Phenol,
Intrathecal Baclofen Pumps, Medications and Surgical Procedures
Mentor: Gerard Francisco, M.D.

Center for Advanced Microstructures and Devices

Designed a two-dimensional beam position monitor for the electron synchrotron
AMSE regional competition finalist

LEADERSHIP ACTIVITIES

Amputee Program at TIRR Memorial Hermann

Director

Continuing Medical Education Committee—University of Texas at Houston

Chairman

Continuing Medical Education Committee—BCM/UT PM&R alliance

Chairman

Spine Extremity Tumor Research Endowment (SETRE foundation)

Board of Directors Member

Amputee Comprehensive Treatment (ACT) Clinic

Medical Director

Amputee Core Group

Physician Leader

Disability Resources for Information, Vocation & Education (DRIVE)

Amputee Support Group

Physician Leader and Organizer

The Assessment Center and Sports Medicine and Rehabilitation Outpatient Clinic

Medical Director

LSU Medical Center

Student Advocate Committee Chairman
Faculty-appointed Biochemistry Group Leader
Class-elected Pathology Group Leader
Committee Chairperson of Camp Tiger for Disabled Children

American Society of Mechanical Engineering (ASME)

Chairperson for fundraiser and speaker committees
Finalist in Regional competition for Senior Design Project

Engineering Council Officer

Chairperson National Engineers Week

Society of Women Engineers (SWE)

Secretary
Director of Regional Conference Panel
Chairperson: National Conference on Promoting Math & Science in Young Women

Pi Beta Phi Fraternity

Computer Manager and Rush Co-chairperson

VOLUNTEER AND OTHER EXPERIENCE

Medical Mission to Milot, Haiti after the earthquake 2010

Center for the Rural Development of Milot, Haiti Earthquake Medical Mission
Amputation Specialist

Houston Challengers

Attending physician for annual physicals, resident mentor

University of Houston Health Science Center Houston, Texas

Organization of Resident Outpatient Clinics

Applied Materials, Inc. Austin, Texas 1/1994-1/1997

Mechanical Engineer and Project Manager

Powers Engineering, Inc. Austin, Texas 8/1993-11/1993

Mechanical Design Engineer, Manager of AutoCAD system

Center for Advanced Microstructures & Devices Baton Rouge, Louisiana

Manager of AutoCAD system, Design Engineer 8/1991-5/1993

International Business Machines (IBM) Manassas, Virginia 1/1991-5/1991

Mechanical Design Engineer Intern
Collegiate Representative for Market Driven Quality

International Business Machines (IBM) Baton Rouge, Louisiana 1/1990-1/1991

Collegiate Marketing Representative
Chairperson of Computer Quest national competition (2nd place)

Walt Disney World Orlando, Florida 5/1989-8/1989

MGM Back Stage Studio Tour Guide

PROFESSIONAL MEMBERSHIP

Amputee Coalition of America (ACA)
American Academy of Orthotics and Prosthetics (AAOP)
Continuing Medical Education (CME) Committee—University of Texas at Houston

Continuing Medical Education (CME) Committee—PM&R BCM/UT alliance
TIRR Outpatient Clinic Quality Improvement Committee
University of Texas/Baylor College of Medicine Alliance Endowment committee
Association of Academic Physiatrists (AAP)
American Academy of Physical Medicine and Rehabilitation (AAPM&R)
American Medical Association (AMA)
Texas Medical Association (TMA)
Harris County Medical Society (HCMS)
American Medical Student Association (AMSA)
American Society of Mechanical Engineering (ASME)
Engineering Council
Society of Women Engineers (SWE)
Pi Beta Phi Fraternity